Attorney Docket:

3103/44139 PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: ELIEZER RACHAMAN ET AL.

Serial No.: 09/029,543

Group Art Unit:

Filed: FEBRUARY 26, 1998

Examiner:

Title: PYRIDINIUM DERIVATIVES AND PHARMACEUTICAL

COMPOSITIONS CONTAINING THEM

SUBSTITUTE POWER OF ATTORNEY UNDER 37 CFR.1.32

BOX PCT

Assistant Commissioner for Patents Washington, D.C. 20231

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THE STATE OF ISRAEL, Prime Ministers Office Israel Institute for Biological Research, the assignee of the entire right, title and interest in and to the above-identified application, by virtue of an assignment dated December 3, 1998, and filed for recording on December 8, 1998, a copy of which is attached hereto, hereby elects to prosecute the application to the exclusion of the inventors pursuant to 37 CFR 1.32, and hereby appoints the following as its attorneys in this case to prosecute this application, to transact all business in the Patent and Trademark Office in connection therewith, and to receive the letters patent:

> Martin Fleit, Reg. No. 16,900; Herbert I. Cantor, Reg. No. 24,392; James F. McKeown, Reg. No. 25,406; Donald D. Evenson, Reg. No. 26,160; Joseph D. Evans, Reg. No. 26,269; Gary R. Edwards, Reg. No. 31,824; and Jeffrey D. Sanok, Reg. No. 32,169.

Serial No. 09/029,543

Please continue to address all correspondence to:

EVENSON, McKEOWN, EDWARDS & LENAHAN, P.L.L.C.

1200 G Street, N.W., Suite 700

Washington, DC 20005

Telephone No.: (202) 628-8800

Respectfully submitted,

Deputy Managing Director
Title: for Finance

Date: 28/12/98

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Attorney Docket No.: 3103/44139

v.s. Rights--Sale or Jobbt

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these prosents hereby sells and assigns, unto:

> THE STATE OF ISRAEL, Prime Ministers Office Israel Institute for Biological Research P.O. Box 19

74100 Ness Zione, Israel

(hereinafter Assignes) all right, title and interest for the United States, its territories and possessions in and to his invention relating to:

PYRIDINION DERIVATIVES AND PRARMACEUTICAL COMPOSITIONS CONTAINING THEM

as set forth in his thatted States Patent Application (sheek one): executed concurrently herewith.

was filed as PET international application Number PET/IL96/00089

on august 25, 1995 Serial No. 09/029,543, ciled Pebruary 26, 1998.

in and to said United states Patent Application including any and all divisions or continuations thereof and in and to any and all letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said Assigner, its successors, legal representatives and assigns to the full and of the term or terms for which any and all such assigns to the full and of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been hald and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorises and requests the commissioner of patents and Trademarks to issue any and all such Letters patent to said ASSIGNEE, its successors or assigns in accordance herevith;

Each of the undersigned warrants and covenants that he has the full and ubencumbered right to sell and assign the interests berein sold and assigned and that he has not executed and vill not execute any document or instrument in conflice herewith:

Sach of the undersigned further covenants and agrees he will communicate to said Assignes, its successors, legal representatives or assigns all said Assignes, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful caths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said Assignes, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Fatent which may be granted therefor or thereon, including reissues or extensions, in said Assignes, its successors, or assigns or to assign and Assignes, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Fatent of the United States for said invention;

Each of the undersigned hereby grants the firm of EVENSON, Notions, EDWARDS a LIMBARN, P.L.L.C., or any partner thereof, the power to insert in this Assignment any further identification which may be accessary or desirable to comply with the rules of the W.S. Patent and Trademark Office for recordation of this Assignment.

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ASSIGNMENT Page 2 of 2

Attorney Docket No: 3103/44139

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Fore: Prima tacks oridence of execution may optionally be obtained by execution of this document before a t.s. Commis or before a local offices authorized to administer paths whose suchority to proved by a certificate from a U.S. Commis.

T Attorney Docket Mc.: <u>3103/441</u>39

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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these prosents hereby sells and assigns, unto:

THE STATE OF ISRAEL, Prime Ministers Office Israel Institute for Biological Research P.O. Box 19

·74100 Ness Ziona, Israel

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to:

PYRIDINION DERIVATIVES AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM

as set forth in his United States Fatont Application (sheek one):

executed concurrently herewith,

Was filed as PCT international application Number PCT/IL96/00089
on August 29, 1996

X Serial No. 09/029,543, filed Pebruary 26, 1998,

in and to said United states Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNED, its successors, legal representatives and assigns to the full and of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorises and requests the Commissioner of Patents and Trademarks to issue any and all such Letters patent to said ASSIGNEE, its successors or assigns in accordance herevith;

Each of the undersigned warrants and covenants that he has the full and undersumbered right to sell and assign the interests berein sold and assigned and that he has not executed and vill not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNED, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Fatent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to sesiet said ASSIGNEE, its successors, or assigns or to sesiet said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Fatent of the United States for said invention;

Each of the undersigned hereby grants the firm of EVENSON, McElons, EDWARDS a LEMARNA, P.L.L.C., or any partner thereof, the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

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ASSIGNMENT

Page 2 of 2

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Attorney Docket No.: 3103/44139

8.5. Rights--Sole or Joint

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

> THE STATE OF ISRAEL, Prime Ministers Office Israel Institute for Biological Research P.O. Box 19 74100 Ness Ziona, Israel

(hereinafter ASSIGNEE) all right, title and interest for the Jaited States, its territories and possessions in and to his invention relating to:

Pyridinium derivatives and pearmaceutical compositions containing them

as set forth in his United States Patont Application (check one); executed concurrently herewith.

- was filed as PCT international application Number PCT/IL96/00089 on August 28, 1996
- Serial No. 09/029,543, filed Rebruary 26, 1998,

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all letters Patent of the United States which may issue on any such application or for said invention, including any and all reseases or extensions thereof, to be held and enjoyed by said ASSIGNES, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorises and requests the Commissioner of Patente and Trademarks to issue any and all such Letters patent to said ASSIGNEE, its successors or assigns in accordance herevith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests berein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith:

Sech of the undersigned further covenants and agrees he will communicate to said ASSIGNED, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful caths, testify in thy legal proceedings and perform all other lawful acts deemed necessary or desirable by said AESIGNER, its successors, logal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Fatent which may be granted therefor or thereon, including reisauce or extensions, in eaid ASSIGNEE, its successors, or assigns or to essist said Assignee, its successors, legal representatives or assigns in abtaining, reissuing or enforcing Letters Patent of the United States for said invention;

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ASSIGNMENT Page 2 of 2

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Attorney Docket No.: 3103/44139

U.S. Rights--Sole or Joiet

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these prosents hereby sells and assigns, unto:

> THE STATE OF ISRAEL, Prime Ministers Office Israel Institute for Biological Research P.O. Box 19

(hereinafter Assignee) all right, title and interest for the United States, its territories and possessions in end to his invention relating to:

·74100 Ness Ziona, Israel

PYRIDINION DERIVATIVES AND PHARMACEUTICAL COMPOSITIONS COSTAISING THEM

as set forth in his United States Patent Application (check one); executed concurrently herewith.

- was filed as PTT internstional application Number PCT/IL96/00082
- on <u>August 28, 1996</u> Serial No. <u>09/029,543</u>, filed <u>Pebruary 26, 1998</u>,

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ACSIONES. Its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

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(signature of 4th inventor)

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